

CLAIMS:

1. A flexible organic light emitting display element, comprising a flexible back plate substrate, a flexible cover substrate, a seal, an active display element which is deposited on said flexible back plate substrate wherein said back plate and cover substrates are joined together by said seal so as to encapsulate said active display element, and wherein said seal
5 comprises an inner seal portion and an outer seal portion, the outer seal portion being flexible as compared to the inner seal portion and the inner seal portion being impermeable as compared to the outer seal portion and being deposited between the outer seal portion and the display element.
- 10 2. A display element according to claim 1, wherein the inner seal portion has a lower permeability than the outer seal portion.
3. A display element according to claim 1, wherein the seal has a permeability below 5×10^{-5} g water per square meter per day.
- 15 4. A display element according to claim 1, wherein the inner seal portion is formed of a material having a young's modulus higher than 1 GPa.
5. A display element according to claim 1, wherein the inner seal portion is
20 formed of a material having a young's modulus higher than 2 GPa.
6. A display element according to claim 1, wherein the outer seal portion is formed of a material having a young's modulus lower than 50 MPa.
- 25 7. A display element according to claim 1, wherein the outer seal portion is formed of a material having a young's modulus lower than 10 MPa.
8. A display element according to claim 1, wherein a ratio of young's modulus of inner seal and outer seal material, respectively, is between 1/100 to 1/1000.